

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (MODIFIED)

ATTORNEY'S DOCKET NUMBER

X-15110

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)

10/517010



INTERNATIONAL APPLICATION NO.  
PCT/US2003/016213INTERNATIONAL FILING DATE  
13 June 2003 (13.06.2003)PRIORITY DATE CLAIMED  
26 June 2002 (26.06.2002)

TITLE OF INVENTION: TRICYCLIC STEROID HORMONE NUCLEAR RECEPTOR MODULATORS

APPLICANT(S) FOR DO/EO/US: Michael Joseph Coghlan, Jonathan Edward Green, Timothy Alan Grese,  
Prabhakar Kondaji Jadhav, Donald Paul Matthews, Mitchell Irvin Steinberg, Kevin Robert Fales, and  
Michael Gregory Bell

Applicant herewith submits to the U.S. Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
    - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ has been transmitted by the International Bureau.
    - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  10. ☒ A declaration of the inventors 35 U.S.C. 371(c)(4) was provided in the PCT Request Form.
  11. ☒ A copy of the International Preliminary Examination Report (IPER), including any annexes, and, if not in English, an English language translation of the annexes to the IPER under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 12. to 18. below concern document(s) or information included:**
12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  13. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  14. ☐ Assignment has been recorded at reel \_\_\_\_\_, frame \_\_\_\_\_.
  15. ☒ A **FIRST** preliminary amendment.
  16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  17. ☒ A Sequence Listing, 1.821 Statement, and diskette.
  18. ☒ A power of attorney with attachment.
  18. ☒ Other items or information:  
Please amend the first page of the specification by inserting the following cross-reference after the title:  
**"This is the national phase application, under 35 USC 371, for PCT/US2003/016213, filed 13 June 2003, which claims the benefit, under 35 USC 119(e), of US provisional application 60/391,992, filed 26 June 2002."**

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <b>10/517010</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US2003/016213</b>		ATTORNEY'S DOCKET NUMBER <b>X-15110</b>	
19. <input checked="" type="checkbox"/> The following fees are submitted:  <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. <b>\$1110.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$950.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <b>\$790.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$750.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... <b>\$100.00</b>				<b>CALCULATIONS PTO USE ONLY</b>	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$ 950.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <u>  20  </u> <u>  30  </u> months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	16 -20=	0	<b>X \$18.00</b>	\$	
Independent claims	5 -3=	2	<b>X \$88.00</b>	<b>\$ 176.00</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			<b>+ \$300.00</b>	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 176.00</b>	
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$	
<b>SUBTOTAL =</b>				<b>\$ 1,126.00</b>	
Processing fee of <b>\$130.00</b> for furnishing English translation later than <u>  20  </u> <u>  30  </u> months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 1,126.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <div style="text-align: right;"><b>\$40.00 per property</b></div>				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 1,126.00</b>	
				<b>Amount to be refunded</b>	\$
				<b>charged</b>	\$
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 05-0840 in the amount of <b>\$1,126.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-0840. A duplicate copy of this sheet is enclosed.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
<b>SEND ALL CORRESPONDENCE TO:</b> ELI LILLY AND COMPANY PATENT DIVISION P.O. BOX 6288 INDIANAPOLIS, INDIANA 46206-6288  <u>02 December 2004</u> DATE		 SIGNATURE  <b>Alexander Wilson</b> NAME		 <b>25885</b> PATENT TRADEMARK OFFICE	
<b>45,782</b> REGISTRATION NUMBER		<b>(317) 277-0190</b> TELEPHONE NUMBER			

**CERTIFICATE UNDER 37 CFR 3.73(b)**

Applicants: Michael Joseph Coghlan, et al

Application No.: U.S. national phase of PCT/US2003/016213 Filed: \_\_\_\_\_

Entitled: TRICYCLIC STEROID HORMONE NUCLEAR RECEPTOR MODULATORS

ELI LILLY AND COMPANY, a CORPORATION  
(Name of Assignee) (Type of Assignee, e.g. corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above.

☐ The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame.

☒ The assignment is being submitted separately for recordation; a copy of this assignment is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

02 December 2004  
Date

Alexander Wilson  
Alexander Wilson  
Patent Attorney

10/517010

DTIS Recd 03 DEC 2004

IN THE UNITED STATES RECEIVING OFFICE (USRO)

Applicants: **Michael Joseph Coghlan**  
**Jonathan Edward Green**  
**Timothy Alan Grese**  
**Prabhakar Kondaji Jadhav**

**Donald Paul Matthews**  
**Mitchell Irvin Steinberg**  
**Kevin Robert Fales**  
**Michael Gregory Bell**

International Application No.: **PCT/US2003/016213**

Filed: **13 June 2003 (13.06.2003)**

Invention: **TRICYCLIC STEROID HORMONE NUCLEAR RECEPTOR MODULATORS**

Lilly Reference: **X-15110**

Earliest Priority Date: **26 June 2002 (26.06.2002)**

**Certificate Under 37 C.F.R. § 1.10**

Attention: DO/EO  
Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

"Express Mail" mailing label number: EV 392094384 US

Date of Deposit: DEC. 3, 2004

I hereby certify that the following attached paper or fee

Transmittal Letter to the United States Designated/Elected Office (US) concerning a filing under 35 U.S.C. 371 of the International Application identified above is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

QUEEN THOMAS  
(Typed or printed name of person mailing paper)

Queen Thomas  
(Signature of person mailing paper or fee)